

Portable Projector

Series

LM 19 / LM 23 / LM 25 / LM 27

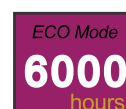


knowledge exchange power



LM New Series are multifunction models of diverse utilities including education, business and home entertainment. By developing inorganic 3LCD panel's 4:3 for 0.63 panel and 16:10 for 0.59 panel, the series deliver sharp and brilliant image with high brightness up to 3000/4000 Ansi Lumens. Optimized cooling and dust proof design with noise under 32 dB in eco mode make LM Series energy saving and environmental friendly in operation.

- 3LCD Technology
- Direct power on/off
- Auto keystone correction
- 1/4 ~ 16 Digital Zoom
- High Contrast 3000:1
- Top drawer lamp replacement
- Image Blank, Freezing, Zoom & Pan
- Multiple projection mode : dynamic, standard, theatre and color board
- Auto Synch and Search
- RJ45 network control
- Support WXGA, UXGA and Mac Resolution



PORTABLE PROJECTOR



Features

1. Customised startup logo.
2. One-key Blank Screen.
3. Image zoom out/in.
4. Anti-theft Bar&lock/Triple Password Protection
5. Image Freezing, Zoom & Panning
6. Auto Power-Off on Singal Soucring Failure
7. Auto Detection of Input Source
8. Auto Synch.
9. Lamp & Filter countdown
10. High-speed Power off

Remote Control (Card Type)

Speaker Stereo 7 Watt

OSD Languages

Chinese,English,French,Spanish,
Portuguese,German,Italian,Janpanese,
Korean,Russian,Finnish,Dutch,Thai,
Vietnam,Turkish,Africaans,Indonesian,
Farsi,Arabian (19 languages)

Standard Accessories

User Manual (CD), Power Cord,
Remote Control & battery, VGA Cable,
Lens Cover With String, Warranty Card,
Qualified card, Drying agent

Projection Chart

Image Size	4:3			16:9			
	Diagonal distance (inch)	Min zoom- Wide (m)	Max zoom- Talle (m)	Height (m)	Min zoom- Wide (m)	Max zoom- Talle (m)	Height (m)
30"	0.9	1.1	0.985	1.0	1.2	0.979	
40"	1.2	1.5	0.987	1.3	1.6	0.978	
50"	1.5	1.9	0.989	1.6	2.0	0.978	
60"	1.8	2.2	0.991	1.9	2.3	0.977	
70"	2.1	2.6	0.992	2.2	2.6	0.977	
80"	2.4	2.9	0.993	2.5	2.9	0.977	
90"	2.7	3.2	0.994	2.8	3.2	0.977	
100"	3.0	3.5	0.995	3.1	3.5	0.977	
110"	3.3	3.8	0.996	3.4	3.8	0.977	
120"	3.6	4.1	0.997	3.7	4.1	0.977	
130"	3.9	4.4	0.998	4.0	4.4	0.977	
140"	4.2	4.7	0.999	4.3	4.7	0.977	
150"	4.5	5.0	0.999	4.6	5.0	0.977	
160"	4.8	5.3	0.999	4.9	5.3	0.977	
170"	5.1	5.6	0.999	5.2	5.6	0.977	
180"	5.4	5.9	0.999	5.5	5.9	0.977	
190"	5.7	6.2	0.999	5.8	6.2	0.977	
200"	6.0	6.5	0.999	6.1	6.5	0.977	
210"	6.3	6.8	0.999	6.4	6.8	0.977	
220"	6.6	7.1	0.999	6.7	7.1	0.977	
230"	6.9	7.4	0.999	7.0	7.4	0.977	
240"	7.2	7.7	0.999	7.3	7.7	0.977	
250"	7.5	8.0	0.999	7.6	8.0	0.977	
260"	7.8	8.3	0.999	7.9	8.3	0.977	
270"	8.1	8.6	0.999	8.2	8.6	0.977	
280"	8.4	8.9	0.999	8.5	8.9	0.977	
290"	8.7	9.2	0.999	8.8	9.2	0.977	
300"	9.0	9.5	0.999	9.1	9.5	0.977	

Image Size	16:10			
	Diagonal distance (inch)	Min zoom- Wide (m)	Max zoom- Talle (m)	Height (m)
30"	0.9	1.1	0.909	
40"	1.2	1.5	0.912	
50"	1.5	1.9	0.915	
60"	1.8	2.2	0.918	
70"	2.1	2.6	0.921	
80"	2.4	2.9	0.924	
90"	2.7	3.2	0.927	
100"	3.0	3.5	0.930	
110"	3.3	3.8	0.933	
120"	3.6	4.1	0.936	
130"	3.9	4.4	0.939	
140"	4.2	4.7	0.942	
150"	4.5	5.0	0.945	
160"	4.8	5.3	0.948	
170"	5.1	5.6	0.951	
180"	5.4	5.9	0.954	
190"	5.7	6.2	0.957	
200"	6.0	6.5	0.960	
210"	6.3	6.8	0.963	
220"	6.6	7.1	0.966	
230"	6.9	7.4	0.969	
240"	7.2	7.7	0.972	
250"	7.5	8.0	0.975	
260"	7.8	8.3	0.978	
270"	8.1	8.6	0.981	
280"	8.4	8.9	0.984	
290"	8.7	9.2	0.987	
300"	9.0	9.5	0.990	

SPECIFICATIONS

Education Education Professional Business

Description	LM 19	LM 23	LM 25	LM 27
Display Technology	Liquid Crystal Display Panel			
Display Panel	0.63" TFT active matrix type, 3 panels			0.59" TFT
Brightness (ANSI Lumens)	3000	3200	4000	4000
Native Resolution	XGA (1024x768)			WXGA (1280x800)
Contrast Ratio	2600 : 1	3000 : 1		
Projection Lens	F:2.1~ 2.3, 1.2x optics,f=18.82~22.60mm 1/4 ~ 16Digital Zoom		F:1.58~1.75, 1.2x optics,f=18.85~22.63mm 1/4~16Digital Zoom	
Uniformity	85%			
Throw Ratio	70"@ 2.07M			70"@ 2.19M
Throw Distance	0.8M ~ 10.8M (30" ~ 300")			
Aspect Ratio	4:3 (Standard) / 16:9 (Compatible)			16:10 (Standard) 4:3 (Compatible)
Keystone	Auto/Manual Keystone, +-40°			
I/O Port				
- Computer (Input)	VGA x 1 Port	VGA x 2 Port		
- Computer (Output)	VGA x 1 Port	VGA x 1 Port (share to VGA in)		
- Component YCbCr	YCbCr x 1			
- C-Video	Video x 1 (share to YCbCr)			
- S-Video (Input)	Mini DIN 4 pin x 1			
- Mini Jack audio (Input)	-	3.5 mm Mini plug (stereo) x 1		
- Mini Jack audio (Output)	-	3.5 mm Mini plug (stereo) x 1		
- Audio L/R (Input)	-	RCA type x 2		
- RS232	D-sub 9 pin x 1			
- RJ45	-	x 1	x 1	x 1
- HDMI	-	x 1	x 1	x 1
PC Compatibility	VGA, SVGA, XGA, SXGA, WXGA, UXGA, Mac			
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p,1035i, and 1080i			
Speaker	-	7 Watt x 1		
Lamp	215 Watt			
Lamp Life	4000hrs (Normal) / 6000hrs (Economic)			
H~Synch Range	15~100KHz			
V~Synch Range	48~85Hz			
Standby Power	<0.5 Watt			
Power Consumption	280 Watt			
Power Supply	100~240V AC @ 50~60 HZ			
Operating Temp.	5°C ~ 40°C (over 35°C Go to ECO mode)			
Store Temp.	-10°C ~ 60°C			
Dimension	340mm X 238mm X 86mm			
Weight	3 kg.			
Warranty	2 years, Lamp warranty 1 year or 1,000 hrs which			

* Feature and Specifications are subject to change without notice.



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